

FIG. 1 PRIOR ART

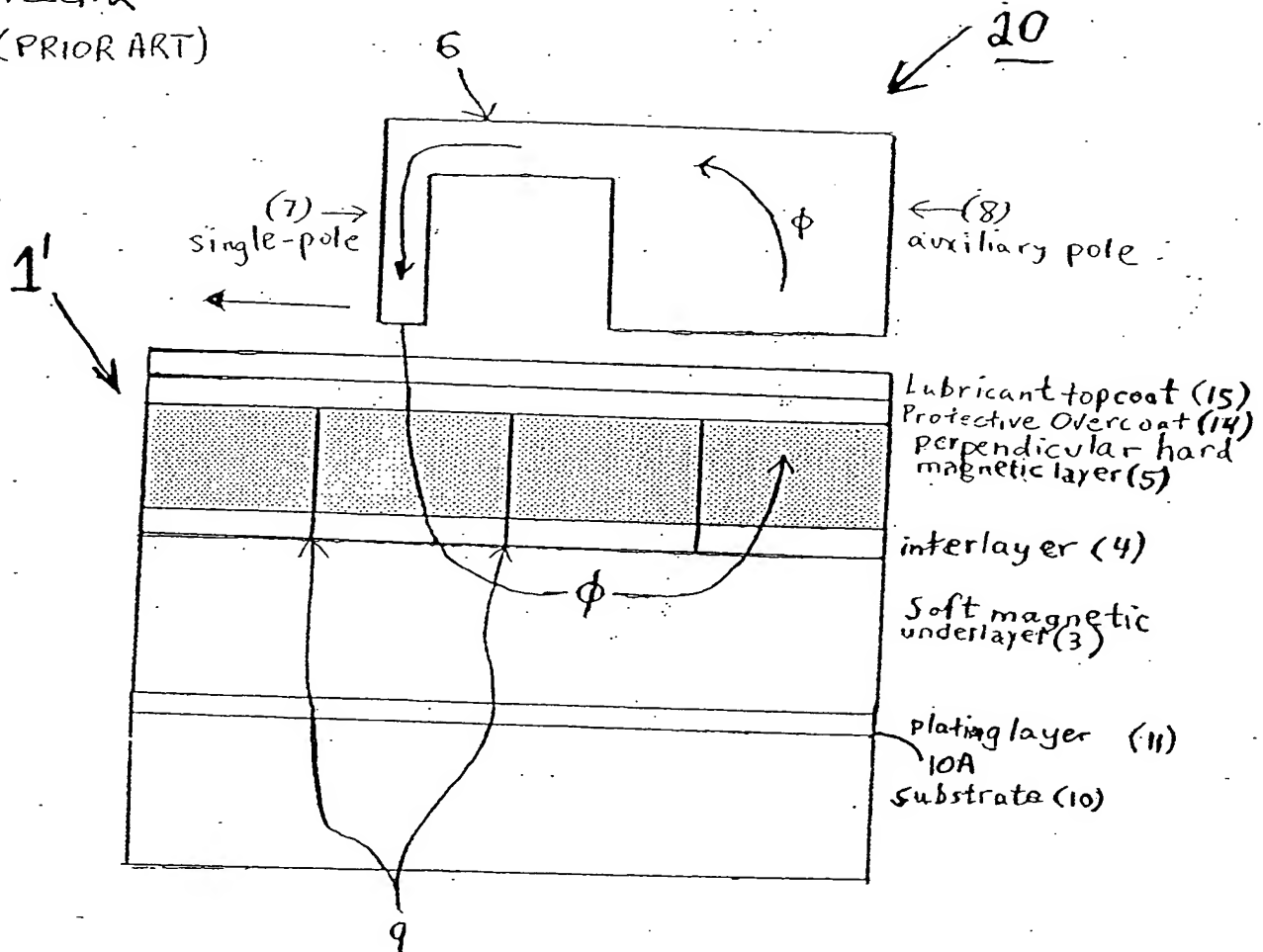
FIG. 2
(PRIOR ART)

FIG. 3(A)

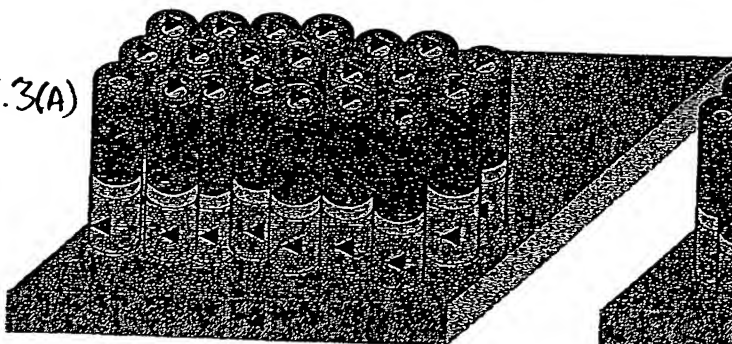


FIG. 3(B)

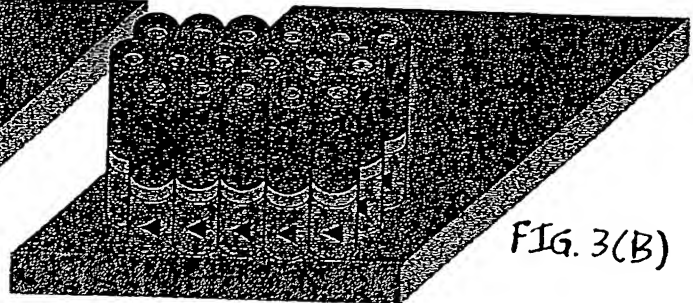


FIG. 3(C)

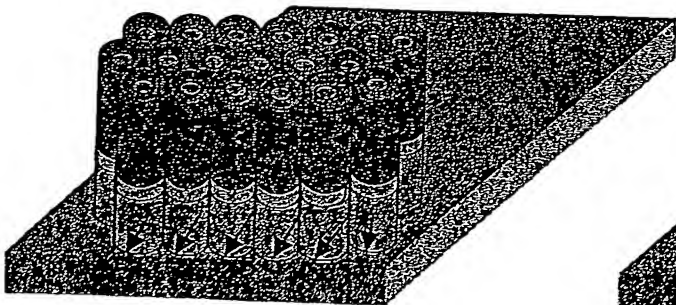
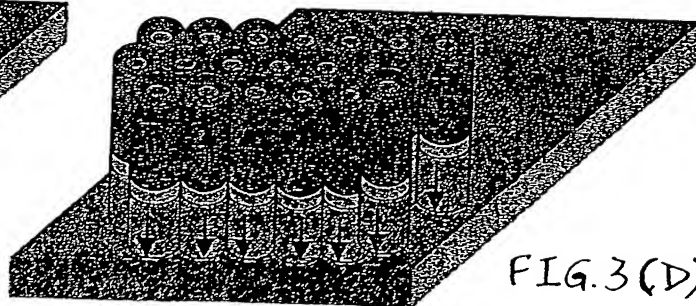


FIG. 3(D)



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Figure 1 illustrates the experimental setup. The top diagram shows a cross-section of a channel with a central vertical wall labeled "Hg". A velocity vector v points to the right. The bottom diagram shows a longitudinal view of the channel with arrows indicating flow direction. The temperature is labeled as $T=T_1$ for the top part and $T=T_2 (T_2 > T_1)$ for the bottom part.

